

Title (en)  
A CONNECTION ASSEMBLY

Title (de)  
VERBINDUNGSANORDNUNG

Title (fr)  
ENSEMBLE DE RACCORDEMENT

Publication  
**EP 2430350 A1 20120321 (EN)**

Application  
**EP 10720812 A 20100511**

Priority  
• GB 2010050763 W 20100511  
• GB 0908123 A 20090512  
• GB 0913336 A 20090731

Abstract (en)  
[origin: GB2470193A] Connection assembly for connecting a pipe, rod or pole to a connector 16, the assembly comprising: a collet having a head 5 at a first end with at least one abutment and a collar at a second end having a through-bore dimensioned and configured to receive and engage the pipe, rod or pole, the collet head being resiliently deformable to impinge on the pipe, rod or pole when deformed inwardly, the collet being provided with at least one screw thread 7 on its external surface; a collet holder 10 having a bore therethrough dimensioned and configured to receive the collet, the collet holder bore comprising at least one screw thread 12 on the surface which matches the thread of the collet; wherein in use the collet holder and collet are mutually rotatable about the screw threads to cause transverse movement between the collet and holder whereby the collet holder impinges on an abutment of the collet head thus deforming it, thereby impinging on and gripping the pipe, rod or tube. A connector for use with the connection assembly, and a kit comprising the assembly and connector, are also described.

IPC 8 full level  
**F16L 19/065** (2006.01); **F16L 19/07** (2006.01); **F16L 19/14** (2006.01); **F16L 41/14** (2006.01); **F16L 47/04** (2006.01); **F16B 9/02** (2006.01)

CPC (source: EP GB US)  
**F16B 9/054** (2018.08 - EP GB US); **F16L 19/0656** (2013.01 - EP US); **F16L 19/07** (2013.01 - EP US); **F16L 19/14** (2013.01 - EP US); **F16L 37/092** (2013.01 - GB); **F16L 37/098** (2013.01 - GB); **F16L 41/14** (2013.01 - EP US); **F16L 47/04** (2013.01 - EP US); **F16B 9/023** (2022.02 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**GB 0908123 D0 20090624**; **GB 2470193 A 20101117**; EP 2430350 A1 20120321; GB 0913336 D0 20090916; US 2012153617 A1 20120621; WO 2010131028 A1 20101118

DOCDB simple family (application)  
**GB 0908123 A 20090512**; EP 10720812 A 20100511; GB 0913336 A 20090731; GB 2010050763 W 20100511; US 201013386495 A 20100511